Bambu Lab AMS Automatic Material System for X1 and P1 Series

LKR 176,142.00

- **6-month Official Warranty** for peace of mind and hassle-free support

- Print in **up to 16 colors** by connecting 4 AMS units with an AMS Hub

- **Automatic filament switching** with run-out and tangle detection

- **Humidity-controlled dry storage** for perfect prints every time

- Compatible with a wide range of materials, including **PLA, PETG, ABS, ASA, and more**

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Think of it as your 3D print studio's multi-flavour ice-cream dispenser, but for filaments. You load it up, and it seamlessly switches between materials (up to 4 at a time), and if you really want to go wild, stack four of them for a 16-color printing party. And yes, thanks to *Master3D* knowing how precious uninterrupted print jobs are, this thing even auto-snaps to a new spool the moment one runs dry.

What Makes It Tick

So, what's under the hood? There's a brainy 32-bit MCU plus sensor arrays and actuators that smartly load and unload filament, detect tangles. And if you're rocking Bambu's RFID-tagged filaments, your settings auto-sync with Bambu Studio—magic, right?

Five Must-Know Specs

- **Support for 4 filament slots per AMS**, and up to **16-colour capability** when using 4 units together.

- **Compact footprint**: 368 × 283 × 224 mm, easy to fit on any desk.

- **Weight**: around 2.5 kg (gross weight about 4.7 kg)

- **Filament compatibility**: PLA, PETG, ABS, ASA, PC, PP, dry PVA/BVOH, HIPS, CF blends—but *not* TPU, TPE, or carbon/glass-fiber filaments.

- **Humidity-controlled dry storage** with airtight design + desiccant + humidity sensor ensures crisp prints every time.

And Trust Me…

Once you've tried the **Bambu Lab AMS Automatic Material System for X1 and P1 Series**, juggling filament swaps feels like ancient history. It's like having a sous-chef for your printer—quietly working in the background so you can sip your coffee and wait for that multi-colored masterpiece to finish on its own. And *Master3D* will tell anyone who tries to copy this —you're in full control, printing smarter.

FAQs

1. **Q. Can I use multiple AMS units on one printer?**
   A. Yes, you can chain up to four AMS units using an AMS Hub to unlock up to 16-color printing freedom[Bambu Lab StoreSwing Design](#).
2. **Q. Does it work with non-Bambu filaments?**
   A. Absolutely! but you'll need to manually configure the settings in Bambu Studio or on the printer since RFID auto-settings work only with Bambu Lab branded filaments.
3. **Q. What about filaments that absorb moisture?**
   A. No worries! the airtight design plus desiccant and humidity sensor keep your filament dry and happy. Just avoid using wet or soft filaments like TPU/TPE, as they're not compatible

Feature	Details
Compatible Printers	Bambu Lab X1 Series, P1 Series
Filament Capacity	4 filament spools per AMS (up to 16 spools with 4 AMS units + AMS Hub)
Supported Filament Types	PLA, PETG, ABS, ASA, PC, PP, Dry PVA/BVOH, HIPS, CF/Glass Fiber reinforced (dry only)
Unsupported Filament Types	TPU, TPE, and any flexible filaments
Filament Diameter	1.75 mm
Automatic Functions	Filament switching, run-out detection, tangle detection, humidity monitoring

Feature	Details
Dry Storage	Airtight design with desiccant and humidity sensor
Dimensions (W × D × H)	368 mm × 283 mm × 224 mm
Weight	Net: 2.5 kg / Gross: ~4.7 kg
Connectivity	Wired connection to printer
Power Supply	Powered by the connected printer
Material Compatibility with RFID	Automatic profile loading with Bambu Lab filaments (manual setup for others)
Max Number of AMS Units	4 units connected via AMS Hub

Disclaimer: Dimensions and weight may vary slightly depending on manufacturing tolerances. Product images are for reference only and the actual product may differ in appearance.